

ABSTRACT OF THE DISCLOSURE

A screw refrigerating apparatus comprising a refrigerant circulating passage including a screw compressor, a condenser, an expansion valve, and an evaporator is constituted such that a bypass flow passage branching at a part of the refrigerant circulating passage between the condenser and the expansion valve, routing through throttle means, and communicating with a rotor room within the screw compressor is provided. The screw refrigerating apparatus is capable of simplifying the structure, decreasing the size, decreasing labor of the maintenance, and the like.